## Ambiguity in Choosing Coordinate Systems

## **Solution:**

## The most appropriate answer is e.)

Students may have suspicion on d.). We always adopt orthogonal resolution for convenience. However, a non-orthogonal resolution is also possible. Notice that as long as **A+B=C**, then **A** and **B** can be viewed as resolution of **C**. Apparently, there are numerous choices of **A** and **B** to achieve so.